

Converting Colors

Hex(51474F)

Have a look what the booklet for
Hex(51474F) contains.

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Color

Hex(51474F)

Conversions

Conversions Part 1

Format	Color
Hex	51474F
RGB	81, 71, 79
RGB Percent	32%, 28%, 31%
CMY	0.6824, 0.7216, 0.6902
CMYK	0.00, 0.12, 0.02, 0.68
HSL	312°, 7%, 30%
HSV	312°, 12%, 32%
XYZ	7.0579, 6.8203, 8.3416
YIQ	74.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

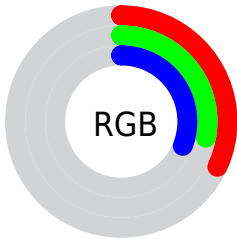
Format	Color
R_{YB}	81, 71, 79
Decimal	5326671
CIE Lab	31.39, 5.87, -3.23
CIE LCh	31, 6.702, 331.203
Yxy	6.8203, 0.3176, 0.3069
Android (android.graphics.Color)	4283516751 (0xFF51474F)
YUV	74.9020, 2.0203, 5.3479
Hunter-Lab	26.1157, 2.5376, -0.6567

Details

The Hex color **51474F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **475149**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **827780**, and **241C23** is the 20% darker color. If you saturate the color by 10%, you get **513F4D**, and if you desaturate by 10%, it is **514F51**.

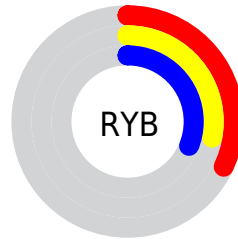
Distribution



Red (32%)

Green (28%)

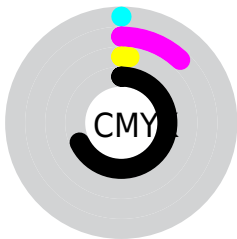
Blue (31%)



Red (32%)

Yellow (28%)

Blue (31%)

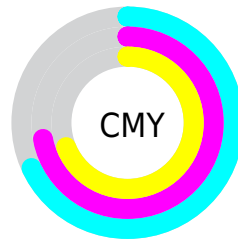


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (68%)



Cyan (68%)

Magenta (72%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51474F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 51474F by changing the saturation by 10% instead.

■ 51474F

■ 51474F

FFFFFF

■ 3A3138

■ 827780

■ 241C23

■ 9C919A

■ 10010D

■ B7ACB5

■ 000000

■ D3C7D0

■ EFE3ED

■ 51474F

■ 51474F

■ 513F4D

■ 514F51

■ 51374C

■ 515752

■ 512F4A

■ 515F54

■ 512749

■ 516755

■ 511F47

■ 517057

■ 511645

■ 517859

■ 510E44

■ 51805A

■ 510642

■ 51885C

■ 510041

■ 51905E

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4B4853



51474F



55464A

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51474F



4E4A3F



3D4D4F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51474F



475149

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3E4D4A



51474F



484B41

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51474F



534841



424C45



3F4C53

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51474F



554646



424C45



3D4D4D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51474F



696468



494751



363335



B5B5B5



363636

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51474F



695965



51474A



292528



690054



E800BA

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51474F



695965



47514E



292528



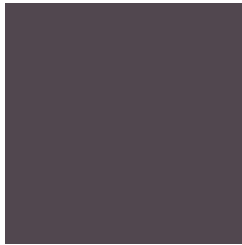
690054



E800BA

Previews

White Background



This preview shows how the Hex color 51474F looks on a white background.

Color Contrast Check

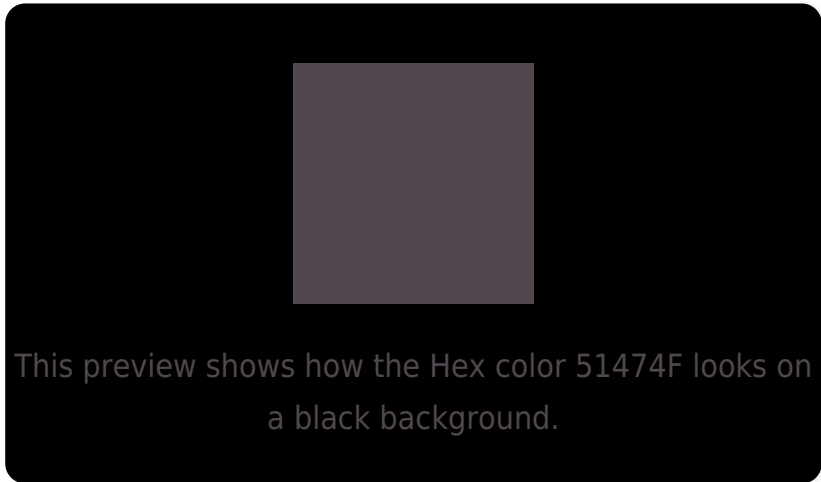
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

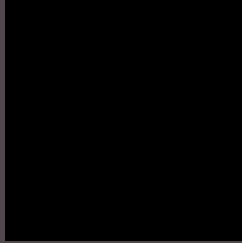
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 51474F Background



This preview shows how black text looks on a background with the Hex color 51474F.



This preview shows how white text looks on a background with the Hex color 51474F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

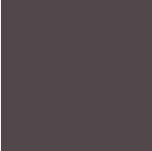
51474F

Protanopia

494951

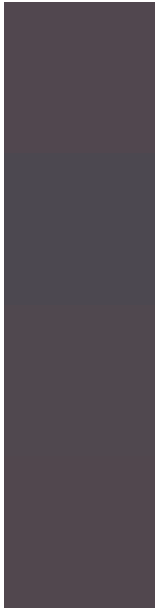
Deuteranopia

4F484F



Tritanopia
51474D

Trichromacy



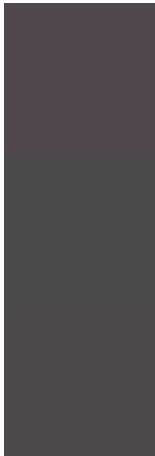
Original Color
51474F

Protanomaly
4C4850

Deuteranomaly
50484F

Tritanomaly
51474E

Monochromacy



Original Color
51474F

Achromatopsia
4B4B4B

Achromatomaly
4D4A4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 51474F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #51474F looks like.

```
.text, #text, p{  
    color:#51474F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #51474F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51474F
}
```

Border

The CSS property to change the border of an element to Hex 51474F is called "border". The border property can be set on classes, ids or directly on the HTML element.

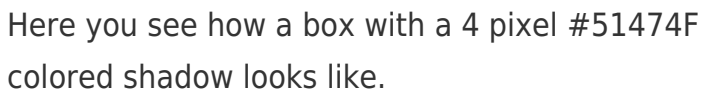
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#51474F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#51474F }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #51474F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51474F; -webkit-box-shadow:4px 4px  
4px 4px #51474F; box-shadow:4px 4px 4px  
4px #51474F }
```

Background

The CSS property to change the background color of an element to Hex 51474F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51474F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#51474F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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